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No. 22]

NEW DELHI, SATURDAY, MAY 29, 1971 (JYAISTHA 8, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अभिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 29th May 1971

CORRIGENDUM

In the Gazette of India Part III, Section 2, dated the 27th February 1971 in page 76, Column 2 under the heading "Applications accepted":—

for 122783, F. W. Grain. Treatment of chlorine. Accepted on 9th February 1971.

read 122783, Imperial Chemical Industries Limited. Treatment of chlorine. (11th Sept. 1968). Accepted on 9th February 1971.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

11th May 1971

131292. Dr. V. A. Pinto. The manufacture and production of 'teerette'—a tobaccoless mode of smoking like cigar, cigarette, pipe, etc.

131293. Clayton Dewandre Company Limited. Improvements in or relating to spring brake units.

131294. Clayton Dewandre Company Limited. Improvements in and relating to control valves for spring brake units.

131295. Clayton Dewandre Company Limited. Improvements in and relating to hydraulic pumps.

131296. American Brands, Inc. Method of puffing tobacco tissue.

131297. V. J. Khanchandani. Torch candle or like device.

131298. Impex-Industries. Decorative wall fitment.

131299. Hindustan Lever Limited. Preparation of hydrogenation catalysts.

131300. J. J. Robinson. Improvements in calendars.

3131/71

131301. S. K. Anand. Improved spanner.

131302. E. I. Du Pont De Nemours and Company. Plastic pipe sleeves and their manufacture.

131303. British-American Tobacco Company Limited. Improvements in apparatus for drying tobacco.

131304. Dr. S. Raviv. Polishing of metals.

131305. Kureha Kagaku Kogyo Kabushiki Kaisha. Process for the manufacture of 4, 5, 6, 7—tetrachlorophthalide.

131306. Uzina Chimica Valea Calugareasca. Process for the recovery of alkali metal phosphates from metal phosphate residues.

131307. Scientific Repairs & Trading Co. Private Limited. Automatic temperature control device.

131308. Montecatini Edison S.p.A. Process for the preparation of synthetic rutile starting from ilmenite.

131309. Merck & Co., Inc. Nitroimidazole processes.

131310. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tetrahydropyridine derivatives.

131311. Knapsack Aktiengesellschaft. Electrolytic production of manganese dioxide.

131312. R. G. DePenning. Improvements in adhesive.

131313. Zellweger Ltd. A method of and an apparatus for determining the cross-section per unit length of products of the textile industry, more particularly that of yarns, rovings and slivers.

131314. Zellweger Ltd. A method of and an apparatus for determining the cross-section per unit length of products of the textile industry, especially that of yarns, rovings and slivers, [Addition to No. 131313].

131315. Zellweger Ltd. A measuring electrode for capacitive measuring.

131316. Zellweger Ltd. A method of and an apparatus for determining the average deviation of a variable function from its mean value, and the application of this method.

131317. Swiss Aluminium Ltd. Operation of electrolytic cells for the production of aluminium.
131318. Standard Car Truck Company. Railway car center bearing.
131319. S. S. Hazra. Preparation for solution of determination of haemoglobin percent of blood.
131320. Danfoss A/S. A voltage regulated direct-current supply.
131321. K. Ramakrishnan. An improved liquid retaining structure.
131322. Mrs. Ganga Venkat Raman. Improvement in or relating to monometer.
131323. Mrs. Indira Kotwal. A device for finding out the contents of a gas cylinder.
131324. Industrial Equipment Company. Improvements in or relating to heaters for tar/bitumen.
131325. K. K. Xavier. An improved light arrangement for parallelogram bar type drafting machines.
- 12th May 1971
131326. New Central Jute Mills Company Ltd. Process for the simultaneous production of soda ash and ammonium chloride.
131327. Centro Sperimentale Metallurgico S.p.A. An improved process for manufacturing steel.
131328. Imperial Chemical Industries Limited. Bipolar Cell. (26th May 1970).
131329. Charis, aka Charilaos George Massouras. Gynaecological device, for insertion in the woman's womb.
131330. Fertilizer Corporation of India Limited. A process of preparation of supports for gas chromatography from silica gel.
131331. Siemens Aktiengesellschaft. Electromagnetic relay with contact spring actuating and support members.
131332. Veb Jenapharm. A tubular test device.
131333. 1. Vsesojuzny Nauchno-Issledovatel'sky Institut Zavodskoi tekhnologii Sbornykh Zhelezobetonnykh Konstruktsiy I Izdely "Vniizhelezobeton", and 2. Vsesojuzny Gosudarstvenny Proektiro-Konstruktor'sky Institut Stroitelnykh Mashin "Giprostrommashina". Vibrating table.
131334. N. V. Philips Gloeilampenfabrieken. Method of providing a clamping band around the envelope of a television display tube, and display tube provided with a clamping band according to the invention.
131335. Rederiaktiebolaget Nordstjernan. Process for producing cemented carbide compositions. (1st April 1971).
131336. Rederiaktiebolaget Nordstjernan. A method of controlling size and shape of grains at production of certain metals and metal compounds in the form of powder.
131337. Merlin Gerin. Compressed-gas multiple-break circuit-interrupter.
131338. Sandoz Ltd. The use of tertiary amino esters as antistatic agents.
131339. Cardwell Westinghouse Company. Sealed non-spin hand brake arrangement. [Addition to No. 125691].
131340. Diamond Shamrock Corporation. Pyrrolidinyl-carboxanilides and thiocarboxanilides, process for their preparation and compositions containing the same.
131341. G. Singh. A modified method of refrigeration, using centrifugal pump and a mixture of vapor and liquid of coolant.
- 13th May 1971
131342. Airfix Industries Limited. Improvements in and relating to a method of making containers. (13th May 1970).
131343. International Business Machines Corporation. Control unit for serial data storage apparatus. (20th May 1970).
131344. Hermans Hofer. Endothermic processes in a shaft furnace or kiln and more particularly to a process for calcining lime.
131345. Joseph Lucas (Industries) Limited. Lamp assemblies for road vehicles. (23rd June 1970).
131346. Unelec. Electromagnetic brake.
131347. Joseph Lucas (Industries) Limited. Voltage regulators for use in battery charging systems.
131348. Joseph Lucas (Industries) Limited. Method of inter-connecting parts.
131349. Zellweger Ltd. Textile-testing apparatus for measuring the cross-section of yarns, rovings and slivers and particularly, for detecting fluctuations in cross-section.
131350. Zellweger Ltd. Yarn-changing mechanism.
131351. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Substituted octahydroquinazolinones.
131352. The Upjohn Company. Free flowing crystals of the tris (hydroxymethyl aminomethane salts of pge2 and pgf₂), and process for producing same.
131353. S. Ichinose. Printing device in screen printing machine.
131354. Continental Oil Company. Method for cleaning metal surfaces.
131355. Fairchild Camera & Instrument Corporation. High voltage semiconductor junction.
131356. Rohm and Haas Company. Seeds treated with novel fungicidal compounds. [Divisional date 16th October 1969].
131357. Vdo Tachometer Werke Adolf Schindling GmbH. Tachometer with a distance counting device.
131358. S. G. Borlikar. Improvements in or relating to household, hospital, laboratory or industrial utensils or vessels having handles or grips fitted thereto and more particularly in respect of such handles or grips.
131359. A. R. Deshpande. Single wheel multipurpose cultivation implement.
131360. Vikrant Engineers Poona (P) Ltd. Magnetic lock.
131361. S. M. Pancharia. Improvements in or relating to files for documents.
131362. S. J. Mistry. Improvements in or relating to foot-wear.
131363. The Mysore Lamp Works Limited. Poly sleeve machine.
- 14th May 1971
131364. C. Khosla and A. Amin. Automatic gate.
131365. B. K. R. Sharma. Liquefied petroleum gas (L.P.G.) Consumption indicator.
131366. N. Singh. A cardiac glycoside.
131367. Council of Scientific and Industrial Research. 2-substituted 1, 2, 3, 4, 6, 7, 12, 12a-octahydropyrazino (2, 1:6, 1) pyrido (3, 4-b) indoles.
131368. Solvay & Cie. Societe Anonyme. Activation of peroxide washing and bleaching baths.
131369. Halcon International, Inc. Chemical process.
131370. Svenska Aktiebolaget Bromsregulator. Apparatus for generating signals dependent upon the weight of a railway vehicle. (30th May 1970).
131371. Fabbrica Italiana Magneti Marelli S.p.A. End shield for commutator electric motor of low power, especially for windshield wiper motors.
131372. Skoda, Narodni Podnik. Apparatus for limiting the back-flow of steam from a place of regeneration to a steam turbine.

131373. Uzina Chimica Valea Calugareasca. Process for the production of alkali metal phosphates and polyphosphates.

131374. A. Friedr. Flender & Co., Flexible couplings.

131375. Allen & Hanburys Limited. Imidazole derivatives. (3rd June 1970).

131376. Istituto Farmacologico Saroni S.p.A. Improvements in or relating to oxazole derivatives.

Alteration of Date

122684. The claim to priority date 20th August 1968 has been abandoned and the application dated as of 8th August 1969, the date of filing in India.

123933. The claim to priority date 8th November 1963 has been abandoned and the application dated as of 7th November 1969, the date of filing in India.

124560. The claim to priority date 24th December 1968 has been abandoned and the application dated as of 23rd December 1969, the date of filing in India.

124123. The claim to priority date has been altered from 23rd December 1968 to 11th July 1969.

130751. Ante-dated to 22nd September 1969 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

122494. E. I. du Pont de Nemours and Company. 2-benzimidazole carbamic acid ester and process for making the same. [Addition to No. 112967]. Accepted on 28th April 1971.

Reacting alkylcyanocarbonate salt with an O-phenylenediamine is lower ethanol acetone, dioxane, ethylene glycol or mixtures of H₂O with miscible cosolvents.

122540. L. J. Kiss. Motion Transmitting Device. Accepted on 30th April 1971.

Comprises at least one primary power train selectively drivingly connecting the input and output means with a predetermined constant driving ratio, a ratio alternator, having at least one ratio alternator power train driven by said input means and a shifter device driven by said input means.

122589. Maschinenfabrik Rieter A. G. Method and apparatus for supplying of cards by means of a pneumatic fiber flock transporting system. (16th April 1969). Accepted on 3rd May 1971.

Characterized in that the moist content is adjusted to a level below the condensation point.

122598. East Anglia Plastics (India) Limited. Air Tight bottle cap. Accepted on 4th May 1971.

Wherein the inner surface of the wall is provided with a horizontal rib like lag or projection.

122609. Vepa AG. Process and equipments for the continuous treatment of natural and synthetic fibres with solvents. Accepted on 4th May 1971.

For separation of the solvent, the fibres are steamed through by gas, such as air and/or steam and heated up to a temperature above the vaporising temperature of the solvent.

122611. Babcock & Wilcox Limited. Improvements in or relating to loose leaf book binding elements. (6th August 1968). Accepted on 4th May 1971.

Including longitudinally extending inner and outer members of generally arcuate cross section the edges of each member being separated by a longitudinally extending gap and provided along edge of the gap with fingers, finger of one member corresponds with that of the other.

122653. Xerox Corporation. Detector for generating a carrier reception indication signal. Accepted on 6th May 1971.

Comprising an indicator, first means for applying an initial bias to an input of the indicator, second means for applying a bias signal to an input of the indicator.

122663. Danfoss A/S. Three phase inverter. Accepted on 7th May 1971.

Comprising two three phase inverter systems, each of said systems having three parallel arranged pairs of controllable one way valves, three transformers each having a pair of secondary windings characterized by their connections.

122665. Utalsky Zavod Tyazheloego Mashinostroenia Imeni S. Ordzhonikidze. Machine for strapping sheet roll stock. Accepted on 7th May 1971.

Comprising a reel with a binding strap wound thereon mounted to a slide connected to a cantilever feeding means for feeding strap, a guide device for guiding the strap a mechanism for fixing the end of strap, a mechanism for cutting off the piece of strap, a magazine filled with buckle for securing the ends of the strap, and a mechanism for securing the ends of the strap.

122679. Great Salt Lake Minerals and Chemicals Corporation. In the method of harvesting crystal crops from solar evaporation of brines, a salt bed having halite crystals. Accepted on 11th May 1971.

Salt bed having a layer of halite crystals, said crystals being sized and arranged so that the layer includes upto about 40 volume percent interstitial volume being substantially filled with MgSO₄ containing minerals.

122684. BPB Industries Limited. Seeding Composition. Accepted on 6th May 1971.

Comprising of calcium sulphate plaster, non-cementitious filler and seeds.

122699. Indo Shipping Company. An exploder. Accepted on 11th May 1971.

Circuit includes a capacitor connected to a relay through a switch such that when said switch is closed the relay coil is energised whereby current is provided to the output terminals of the exploder.

122700. Indo Shipping Company. An exploder. Accepted on 11th May 1971.

Comprising a first and second pinion wheel in meshing relation to each other, a magnetic wheel, a plurality of winding coils, a switch, and an arm extending from said first pinion wheel.

122723. S. Dhar. Compact transformer and rectifier. Accepted on 12th May 1971.

- Comprising a transformer having at least two windings and a core a pair of supporting prongs, connections between said prongs and said one winding and rectifier means connected with another of said windings and physically disposed between said windings.*
122724. S. Dhar. An improved transformer structure. Accepted on 12th May 1971.
- Comprising an elongated tubular member including at least a large central axial opening and at least two spaced channels, disc like end walls, and prongs carried in each channel and extending from at least one end wall.*
122810. G. Mahadevan and M. A. Jayaraman. A handy pressure sprayer for versatile use. Accepted on 14th May 1971.
- Wherein the arrangement being such that the fluid to be sprayed reaches the discharge end to be ejected out as a jet of fluid or as a fine spray of fluid conical or flat in shape.*
122884. The Cementation Company Limited. Improvements in or relating to a reamer bit. (13th December 1968). Accepted on 12th May 1971.
- Comprising rigid rod like core member, resiliently flexible elements extending radially from periphery of the core member and means at one end of the core member to secure the bit to a drilling rod.*
122893. Halcon International, Inc. Process for preparing ethylene glycol esters and production of vinyl acetate from such esters. Accepted on 12th May 1971.
- Intimately contacting ethylene with a carboxylic acid, oxygen one or more halogens or halogen containing compounds and one or more metal cations selected from Te, Ce, Sb, Mn, V, Ga, As, Co, Cu, Se, Or and Ag, above ambient temperature.*
122996. Council of Scientific and Industrial Research. Improvements in or relating to self excited linear variable transformer as displacement sensing device. Accepted on 13th May 1971.
- Consists of a transformer with movable soft iron core as sensing element in a tank circuit of feed back oscillator wherein the transformer secondary output is connected to a full wave rectifier, a filter connected to the output of rectifier direct coupled differential amplifier and D.C. millivoltmeter calibrated in displacement with or recorder connected to output of filter.*
123243. Joseph Lucas (Industries) Limited. Electrical lamps. (30th September 1968). Accepted on 6th May 1971.
- Includes a body having an insulating wall, an aperture in insulating wall, and a pair of strip like conductive contacts, extending through aperture between the interior and the exterior of the body.*
123529. Vulcan Australia Limited. Helically wound tubing and method and apparatus for forming the same. (17th October 1968). Accepted on 12th May 1971.
- Wherein locked seam comprises a pair of generally T-shaped cross section formed in the other edge and disposed on opposite sides of longitudinal medial plane and a complementary flange of generally T-shaped cross section formed in the other edge.*
123782. Universal Oil Products Company. Process for the conversion and desulfurization of oils. Accepted on 29th April 1971.
- Comprises reacting a heated charge stock with hydrogen in presence of a catalytic composite, separating the effluent into a first vapor phase and a first liquid phase, separating the first vapor phase into a second vapor phase rich in hydrogen and a second liquid phase, recycling the second vapor phase separating one first liquid phase into third vapor phase and third liquid phase cracking the third liquid phase separating the cracked product to a fourth liquid and vapor phases, separating the fourth liquid phase to liquid phase of distillable hydrocarbon.*
123827. M & T Chemicals Inc., Process for the preparation of Tricyclohexyllin halides. Accepted on 30th April 1971.
- Reacting an organotricyclohexyllin with tin tetra halide.*
123883. Joseph Lucas (Industries) Limited. Electrical switches. (18th November 1968). Accepted on 5th May 1971.
- Comprising a body, hollow portion, a cover, operating member, two sets of electrical contacts a pair of oppositely directed fingers extending within respective apertures.*
123908. Sphere Investments Limited. A new or improved method of and apparatus for sorting ores. Accepted on 6th May 1971.
- Comprising moving the objects through a sorting zone, providing a magnetic field in said sorting zone, detecting said magnetic characteristic in each object, developing a sorting signal representing the detected magnetic characteristic processing said sorting signal to produce a decision signal, and deflecting objects from a predetermined path in accordance with said decision signal.*
123933. Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V. An active dried baker's yeast and a process of preparing the same. Accepted on 7th May 1971.
- Dividing a fresh compressed yeast having a protein content of 45 to 60% on dry weight basis, into particles and drying them in not more than 120 minutes to a dry matter content of at least 85% by a drying gas flow so as they are within a temperature range of 20° to 50°C.*
123972. The Harris Calorific Company. Cutting torch tip assembly. Accepted on 6th May 1971.
- Comprising an elongated torch shell member having an internal axial passageway, a tip insert member having an inlet end and an outlet end and positioned within the passageway, an axially extending circumferential formed recess in the inlet end of said insert, means defining a circumferential flange surrounding said recess and extending generally toward the inlet end of said shell and an annular resilient seal member.*
123992. Rotopark S. A. Vertical transporter for vehicles and other loads. Accepted on 6th May 1971.
- Comprising a guide track, an endless movable drive member arranged around said guide track, at least one support member connected to said drive member, a plurality of load bearing elements, first actuating means at one end of the said track and a second actuating means at the other end thereof.*
123995. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water soluble monoazo dyestuffs process for preparing them and textiles materials dyed therewith. Accepted on 11th May 1971.
- By coupling the corresponding diazotised aromatic amine with a coupling component, viz., 1-hydroxy-5(6)-N-substituted acetamido sulphamido-naphthalene-3-sulphonic acid and, if desired, transforming the product into its sulphuric or phosphoric esters.*
124023. Telesco Brophcy Limited. Umbrella. Accepted on 7th May 1971.
- Characterised in that the cover supporting rods are so articulated to the two lugs of the umbrella*

- head element that each two cover-supporting rods which extend away from the end side of the lugs include the same angle with the central longitudinal axis of the umbrella head element and that the cover supporting rods.
124032. Schantung (India) Private Ltd. Process for refining of coconut fibre for production of material resembling horse hair. Accepted on 13th May 1971.
- Comprising in loosening the fibres to remove dust and the like particles therefrom, bleaching the fibres with a caustic soda lye, dyeing the bleached fibres rinsing the bleached and dyed fibres, drying them and finally polishing them with wax.
124051. Genset Corporation. A method for forming a grain layer in and on a fibrous substrate. Accepted on 14th May 1971.
- Applying a solution of a polymer in a solvent to the top surface of a substrate which is wet with a liquid miscible with the solvent and is also a non-solvent for the polymer, bringing the bottom surface of resulting coated substrate into contact with a porous support which is wet with a liquid having the same solubility and miscibility characteristics.
124087. The British Iron and Steel Research Corporation. Method of shattering a freely falling stream of molten material. (27th November 1968.) Accepted on 6th May 1971.
- The arrangement being such that angle to the vertical at which the gaseous flow from one nozzle system strikes the stream is different from that at which the gaseous flow from the other system strikes.
124089. Chemical Construction Corporation. A Catalytic reformer for reforming fluid hydrocarbons. Accepted on 11th May 1971.
- A catalytic reformer for reforming hydrocarbons with steam and air comprising a heated primary catalytic steam reformer and a vertical secondary reformer vessel having a bed of catalyst particles disposed therein and a refractory-lined reaction chamber, said chamber permitting passage of partially reacted gas from the reformer to the lower portion of the secondary reformer.
124100. Union Corporation Limited. Settling apparatus such as for slimes, slurries, sludges or the like. Accepted on 14th May 1971.
- Comprising a settling tank, a hollow fluid tight carrier arm carrying raking blades, the carrier arm extending radially from a vertical axis of rotation; mounting means at the inner end of the carrier arm permitting the arm to rotate about the vertical axis of rotation within the settling tank and also to pivot upwardly and rearwardly about its inner end, and means for introducing buoyancy-control fluid into and removing buoyancy control fluid from the interior of the carrier arm.
124123. Imperial Chemical Industries Limited. New Coupling components and azo dyestuffs prepared therefrom. (11th July 1969). Accepted on 6th May 1971.
- Characterized in that a compound obtained by condensation of acetoacetic ester, cyanoacetic ester and diamine, where Z is an aliphatic chain of 2 or 3 carbon atoms is heated to a temperature sufficient to cause ring-closure to take place with evolution of water.
124173. Ruti Machinery Works Ltd. Method of producing a terry fabric and a terry loom for carrying out the method. Accepted on 7th May 1971.
- Wherein in a sequence a first weft thread is inserted into the shed a second weft thread is inserted into the shed and undergoes a partial beat up stroke to a distance from the fell and a last weft thread is subsequently inserted and undergoes a full beat up.
124212. Kailash Narayan. A combined bucket elevator conveyor for double vertical horizontal and/or inclined transport. Accepted on 7th May 1971.
- Comprising an endless ladder construction of ropes with bucket rotating around the cross-bars and driven by sprockets at the driving and reversing and along parallel guides, the buckets being discharged by an obstruction against forward movement of the bucket.
124229. Maschinenfabrik Rieter A. G. Apparatus for interrupting the drive of spindles of twisting machines. (13th June 1969). Accepted on 11th May 1971.
- Wherein a tape lifting element is provided for forming an air cushion between the drive tape and the spindle whorl.
124250. Sumitomo Chemical Company, Ltd. Plant growth regulating compounds, process for preparing same and compositions containing said compounds. [Addition to No. 112921]. Accepted on 7th May 1971.
- Comprises reacting a phenol compound with a propiolate in presence of an inert solvent and a catalyst with the exception of benzene as solvent and N-methylmorpholine as catalyst.
124269. Furnier -Und Sperrholzwerk J. F. Werz Jr. K. G. Werzalit-Pressholzwerk Oberstenfeld. Method and apparatus for producing compression-molded articles. Accepted on 13th May 1971.
- An apparatus comprises at least one mold having at least two compartments therein, at least one filling gate, means for moving said mold and a filling apparatus located at a level above said gate.
124274. Steadman Industries Limited. Freight container transfer system. (10th December 1969). Accepted on 12th May 1971.
- Includes transfer vehicle having means for supporting the base of a freight container thereon, a transfer motor on said vehicle for transfer of a container over the side of said vehicle either to or from an adjacent supporting surface a corresponding level to said support means.
124294. Tecalemit (Hind) Limited. Improvements in lubricating apparatus and systems. (3rd December 1968). [Addition to No. 104217]. Accepted on 11th May 1971.
- Includes a motion transfer device for transferring motion between a part movable by air under increased or reduced pressure and a rotatable part for operating the lubricant pump comprising a cylindrical housing reciprocable by such said pressure and another housing reciprocable by first housing.
124304. P. K. Rohtagi, A. K. Khare and P. K. Kelkar. The preparation of copper coated graphite particles and preparation of metal graphite composites from these particles by casting methods. Accepted on 6th May 1971.
- Graphite particles are stirred in a copper sulphate solution followed by addition of zinc flakes.
124305. Pradeep Kumar Rohatgi, Subrata Ray and P. K. Kelkar. Preparation of an aluminium-alumina composite with improved properties by casting. Accepted on 6th May 1971.
- Alumina particles are stirred into magnesium inoculated melts of aluminium alloys followed by solidification of melt containing dispersed alumina particles.
124407. Farbenfabriken Bayer Aktiengesellschaft. N-acyl derivatives of 5-amino-1, 3, 4-thiadiazoles, process for their manufacture and herbicidal compositions containing the same. Accepted on 7th May 1971.
- 5-amino-1, 3, 4-thiadiazole is reacted with an isocyanate.

124560. Wiggins Teape Research & Development Limited. Improvements relating to pressure sensitive copying papers. Accepted on 11th May 1971.

Wherein copying is effected by reacting together a colour former component and a colour reactant component in which the colour reactant component is a phenolic hydroxyl polymer carried by a support and bonded thereto.

124608. Societe Alsacienne De Constructions Mecaniques De Mulhouse. Shuttleless loom. Accepted on 6th May 1971.

Comprising a feed carrying frame, two opposed needles the outer end of each needle being connected to drive means comprising a flexible ribbon slidable in an arcuate lateral guide, one of the ends of each ribbon being connected to a needle and the other end connected to the free end of a control arm.

124659. Uguine Kuhlmann S. A. Thermoplastic styrene polymer compositions. Accepted on 7th May 1971.

Consisting of a basic thermoplastic styrene polymer (A) to which is added a resinous thermoplastic styrene polymer (B) number of the group consisting of polymers of non-substituted and substituted styrene monomers and copolymers of said styrene monomers with a comonomers.

124912. The British Oxygen Company Limited. Arc welding. (24th January 1969). Accepted on 13th May 1971.

Voltage supplied to the consumable electrode is controlled by a signal which has at least two component, of which one is a function of the feed speed of the electrode, and of which the other is a function of the instantaneous voltage of the electrode.

124958. J. P. Apte. An improved scraper board for artist. Accepted on 7th May 1971.

Comprising a basal coat afforded by an application of thin layer of lacquered blue over which there is given a coat of thin paste of zinc oxide, calcite, starch based glue and plaster of paris, over this coat there is sprayed a 5% resinous solution.

124979. Zaklady Cynkowe "Silesia" Przedsiębiorstwo Państwowe. Zinc refining apparatus. Accepted on 7th May 1971.

Characterised in that it comprises at least three rectifying columns, each column being located in a separate fire chamber, and adjacent walls of fire chambers have inner lining brick layer contacting each to other and made of low thermal conductivity material forming an intermediate wall, or alternatively a gap is provided between said adjacent walls.

125086. Eastman Kodak Company. Apparatus for cutting elongated material. Accepted on 14th May 1971.

Comprising a cutter assembly having a plurality of knife blades circumferentially arranged and spaced apart with the knife edges facing outwardly and a guiding member which revolves around the cutter assembly for wrapping the material to be cut on to the knife edges.

225194. Westinghouse Electric Corporation. Electric power transmission system including pressurized pipe having central conductor and providing an expansion joint and gas-barrier construction. Accepted on 11th May 1971.

Comprising cylindrical metallic pipe having dielectric fluid under pressure, high voltage conductor, plurality of disc insulator, expansion joint, flexible wall portion.

125411. M. B. Bhatt. Improvements in or relating to a device for manufacturing double skin packaging elements and method of manufacturing such elements. Accepted on 11th May 1971.

Consisting of a frame carrying a pair of feed rolls each carrying plastic sheet forming the upper and lower skins of double skin sandwich-type cushion elements, feeding said sheets, a mould roll, a rubber roll, a heating chamber, a cooling tunnel and a prime mover.

125415. Inland Steel Company. Free machining steel article and method for producing the same. Accepted on 11th May 1971.

Introducing tellurium and/or selenium into the molten interior of the steel, through the top surface, and dispersing said tellurium and/or selenium in the molten interior.

125431. R. S. Krishna Elia D. S. Improvements in or relating to an electronic lock cum alarm device. Accepted on 10th May 1971.

Characterised in that the alarm device is operated by a relay in a electronic control circuit and the lock is controlled by the control circuit and a coding unit.

125435. U.S. SEC. Safety device for unpluggable switchgear. (24th February 1970). Accepted on 11th May 1971.

Comprising fixed frame movable assembly having a rotating screw and abutments the movement of the said movable assembly being prevented with the aid of projecting member.

125471. S. Shibasaki and M. Koseki. Sewing machine looper and free locking sewing machine. (10th March 1969). Accepted on 7th May 1971.

A continuously rotating main drive shaft provided with a first crank arranged to rock an auxiliary drive shaft and a second crankshaft arranged to rotate a thrust member having mounted thereto a thrust rod and a looper rod.

125481. Vsesoyuzny Nauchno-Issledovatel'skiy Institut Chernoi Metallurgii Imeni I. P. Bardina. Mixture for protecting surface of metal in process of casting. Accepted on 12th May 1971.

Heat insulating material is composed of graphite in amount of 5 to 90% by weight and the refractory material being composed of cryolite by 5-30% by weight and in combination a boron containing compound in an amount of 2-30% by weight.

125501. Sella International Research. Process for epoxidizing oxides to produce oxirane compounds. Accepted on 15th May 1971.

Consists the use of an improved catalyst composition which is essentially insoluble in the reaction mixture of olefins and hydroperoxides, thus providing a heterogeneous system, the said catalyst composition comprising zirconium in chemical combination with an inorganic siliceous solid.

125987. Schaubert & Salzer Maschinenfabrik Aktiengesellschaft. Spinning sliver. Accepted on 7th May 1971.

Comprising opening the sliver and feeding it in the form of individual fibres to the spinning chamber along a path having two parts set at an angle to each other to produce a change in the direction of movement of the fibres and to throw out dust particles.

126130. Nippon Kokan Kabushiki Kaisha. A free cutting steel. Accepted on 7th May 1971.

Free cutting steel consisting of 0.08 to 0.60% C, 0.15 to 0.60% Si, 0.30 to 2.00% Mn, 0.002 to 0.02% Ca, 0.03 to 0.15% S, and 0.005 to 0.05% Sol. Al.

126268. Gould Inc. Lead-lithium alloy plate plates for storage batteries. Accepted on 6th May 1971.

Comprises in the steps of forming a liquid alloy of lead containing lithium, casting the liquid

alloy into battery plates, immersing the plates in oxidising solution, and passing an electric current through the plates while they are immersed.

126495. G. Wunderlich and H. Weber. Process for treatment of deacidifier vapours of industrial gases, particularly coke-over gases. Accepted on 13th May 1971.

Deacidification vapours are burnt with an amount of air sufficient for conversion of the ammonia into nitrogen and water and the hydrogen sulphide into sulphur, the heat of the ammonia combustion being recovered in the form of high pressure steam of the combustion gases worked up to sulphur in known manner.

126520. F. A. Orlova, G. V. Seleznev and P. V. Borjuk. Method for protection of evaporator heating elements from corrosion. Accepted on 13th May 1971.

Method for corrosion protection of heating elements in evaporators when use is made of heating elements manufacture from chromium steels capable of undergoing passivation under the effect of an inhibitor present in the alkaline medium in an amount of 0.05-1g/l, the temperature of the alkaline medium being 20-450°C.

127181. C. Conradty. Large Graphite electrodes. (11th June 1970). Accepted on 6th May 1971.

A large cored electrode with a diameter of at least 100 mm.

127345. Mitsubishi Jukogyo Kabushiki Kaisha, and Mitsubishi Petro-Chemical Company Limited. Tube furnace for heating. Accepted on 6th May 1971.

Characterised in that a radiant section and a convection section are located in the upper and lower spaces inside the furnace, the two sections being separated from each other by a heat insulating reflecting plate which is formed with passages for combustion gas, pipes are vertically suspended in the radiant section and a plurality of downwardly directed burners are mounted on the ceiling and the side walls of the radiant section, the pipes in the radiant section being communicated at one ends with the end of pipes disposed in the convection section and led at the other ends out of the furnace through the ceiling, and an exhaust port for the flue gas.

127968. Westinghouse Electric Corporation. High current gate controlled switch. Accepted on 11th May 1971.

Comprising a semiconductor wafer having a plurality of first regions of one conductivity type, second region of the opposite conductivity type in P-n junction relation, third region of one conductivity type and fourth region of a opposite conductivity type; first, second and a third electrodes.

128600. Aktiebolaget Tudor. Lead Storage battery electrode with thermoplastic fiber reinforced active paste. Accepted on 13th May 1971.

Having fibres in the surface layer of the electrode so melted by heat treatment that they form thickening in the outer layer.

130751. Joseph Lucas (Industries) Limited. Electrical lamps. [Divisional date 22nd September 1969]. Accepted on 6th May 1971.

Including an insulating body having an integral upstanding wall an aperture in wall and a pair of strip like conductive contacts extending through aperture, contacts being engaged with opposite edges of the aperture in the wall.

Opposition Proceedings

(1)

An opposition has been entered by Sharpedge Limited to the grant of a patent on application No. 120652 made by Hind Razor & Blade Company Private Limited.

(2)

An opposition has been entered by Bata Shoe Company Private Limited to the grant of a patent on application No. 121728 made by Bharat Chandulal Nanavati.

Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical error occurring in the specification in respect of patent application No. 123017 was corrected on 5th May 1971.

Patents Sealed

67478.	118391.	118400.	119179.	119249.	119428.	119482.
119503.	119524.	119543.	119778.	119783.	119784.	119963.
120147.	120177.	120198.	120383.	120402.	120454.	120455.
120551.	120539.	120541.	120563.	120640.	120641.	120736.
120915.	120938.	120992.	121026.	121045.	121056.	121076.
121090.	121104.	121131.	121139.	121150.	121156.	121180.
121186.	121190.	121198.	121243.	121328.	121340.	121347.
121313.	121349.	121350.	121396.	121450.	121463.	121502.
121504.	121712.	121750.	121786.	121953.	121982.	122180.
122219.	122236.	122437.	122484.	122490.	122497.	122558.
122615.	122873.	122903.	123182.	123365.	123458.	123499.
123527.	123583.	123652.	123685.	123729.	123785.	124417.
124438.	124587.	124594.	124616.	124709.	124724.	124861.
125117.	125371.					

Registration of Assignments, Licences, Etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

91784 — M/s. Nestle's Products Limited.

98657 }
98658 } M/s. Veb "Otto Buchwitz" Starkstrom-Anlagen-
100072 } bau Dresden.
119221 }

72745 — M/s. Møremont Corporation.

115051 — M/s. Shell Internationale Research Maatschappij N.V.

87323 }
93872 } M/s. Frigitrionics, Inc.

Renewal Fees Paid

57336.	57347.	57397.	57463.	57464.	57465.	57584.	57586.
57587.	57606.	57920.	60440.	60460.	60490.	60631.	60657.
60744.	60824.	64053.	64070.	64198.	64338.	64359.	64484.
64571.	64695.	64860.	64963.	67497.	67654.	67668.	67688.
67758.	67885.	67898.	67964.	68031.	68075.	68082.	68448.
68594.	68893.	68918.	69306.	70405.	71303.	71633.	71763.
71810.	71909.	71911.	72104.	72168.	72232.	72328.	72398.
72408.	72427.	72470.	72607.	72654.	72667.	72768.	72771.
72786.	72891.	73102.	73131.	73461.	74519.	75301.	76648.
76673.	76875.	76876.	76888.	76916.	76941.	76982.	77115.
77146.	77187.	77188.	77200.	77335.	77403.	77672.	78055.
79572.	82245.	82246.	82442.	82511.	82596.	82597.	82701.
82710.	82745.	82802.	82838.	82952.	82983.	83166.	83865.
86046.	86436.	87534.	87917.	87938.	87940.	87962.	87963.
87569.	87980.	88123.	88149.	88288.	88378.	88396.	88485.
88563.	88691.	88696.	90731.	91197.	92723.	93342.	93684.
93697.	93710.	93738.	93757.	93849.	93855.	93981.	94019.
94021.	94168.	94177.	94333.	94334.	94369.	94370.	94403.
94421.	94442.	94493.	94669.	94717.	94753.	94754.	94866.
94965.	95465.	96302.	96378.	97929.	98985.	99143.	99306.
99310.	99402.	99493.	99560.	99562.	99563.	99564.	99664.
99673.	99683.	99722.	99788.	99789.	99809.	100043.	
100044.	100106.	100177.	100213.	100265.	100266.	100278.	
100306.	100317.	100517.	100590.	100842.	100863.	100865.	
100889.	101714.	105064.	105098.	105225.	105248.	105256.	
105258.	105279.	105280.	105292.	105320.	105338.	105339.	
105367.	105404.	105430.	105435.	105473.	105517.	105532.	
105535.	105550.	105563.	105576.	105585.	105613.	105721.	
105732.	105784.	105787.	105822.	105855.	105931.	106394.	
106479.	106603.	106894.	107195.	107374.	109915.	110210.	
110527.	110580.	110581.	110609.	110627.	110628.	110648.	
110650.	110653.	110664.	110685.	110694.	110695.	110696.	
110697.	110717.	110724.	110734.	110736.	110764.	110819.	
110816.	110858.	110920.	110924.	110966.	110989.	111192.	

111201. 111216. 111244. 111271. 111691. 111816. 111928.
112053. 112417. 112487. 112553. 112574. 114519. 115117.
116019. 116020. 116479. 116825. 116894.

Cessation of Patents

69035. 69128. 69129. 69130. 69131. 74617. 74618. 74622.
74626. 74633. 74634. 74635. 74636. 74639. 74649. 74650.
74655. 79059. 79963. 79463. 79466. 83834. 83884. 114069.

Restoration Proceedings

(1)

An order has been made on the 6th May 1971 restoring the patent No. 68839 dated as of the 24th August 1959. granted to Inventa A. G. Fur Forschung Und Patentverwertung for "apparatus for the continuous counter-current treatment of solids in pourable from the liquids".

(2)

An order has been made on the 6th May 1971. restoring the patent No. 84033 dated as of the 7th September 1962. granted to Sadanand Moreshwar Raut for "improvements in or relating to food carriers and the like".

(3)

An order has been made on the 8th May 1971, restoring the patent No. 96792 dated as of the 1st December 1964. granted to Chandramohan Rammohan for "improved flushing cistern".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

NIL

Copyright extended for a Second period of Five Years

Design Nos. 129064 to 129071 Class—1.

Design Nos. 129072, 128156, 128157, 129606, 128134. 128990. 129441. 129749. 129750. 129818. Class—3.

Design No. 128997 Class—4.

Copyright extended for a Third period of Five Years

Design Nos. 110386, 110387, 110388, 109808 Class—3.

Design No. 110518 Class—5.

S. VEDARAMAN,

*Controller General of Patents,
Designs and Trade Marks*